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U. S. DEPARTMENT OF AGRICULTURE
DIVISION OF
AUG 23 1899
SEED LABORATORY

Established 1856
Incorporated 1892

Descriptive List

OF

1899

PEAS AND BEANS

Of STANDARD AND CHOICE VARIETIES. GROWN BY

The John H. Allan Seed Co.

Main business office, THREE MILE BAY, NEW YORK, to which all American Correspondence should be addressed,

Canadian Branch PICTON, ONTARIO, where all foreign correspondance should be addressed.

These quotations subject to change without notice.

Our Method . . .

of Doing Business

We grow Peas and Beans on contract for the legitimate Seed trade. Planting only sufficient seed to produce quantities contracted for we have in ordinary seasons no surplus to be placed on the market to compete with the stocks of our customers. In case of partial failure of crops we divide our entire product above seed stock reserve, pro rata, among our patrons. By adhering to this practice *we respectfully claim a degree of consideration greater than that accorded those houses that are contract growers, jobbers and retailers.*

We do nothing to bring our name prominently before the consumer unless so requested by the purchaser, which we gladly do in every instance.

A number stenciled on the bag denotes the variety. Should any customer wish their goods tagged and labelled or marked in any other manner we do so and only withhold our name from general use on bags and labels that we may not seem to introduce ourselves instead of our customers to their trade.

Guaranteeing delivery: This we cannot do, but we guarantee to plant sufficient seed to protect all contracts under ordinary favorable

conditions. To guarantee delivery in any instance, in case of short crops, could only be fulfilled by having a reserve of old seed to draw from, to depend on supplying by purchase of such seed as might be on the market, or by taking the proportion of crop belonging to other customers not guaranteed. We are confident that careful consideration will convince our patrons that this is the only practice that can be maintained with justice to all parties.

While we exercise great care to have all Peas and Beans pure and reliable, it is understood between ourselves and the purchaser of any of our Peas and Beans, that we do not warrant the same, and are not in any respect liable or responsible for the Peas and Beans sold by us or for any loss or damage arising from any failure thereof in any respect.

FOR the convenience of our patrons we again revise our descriptive list from which we have at different times omitted some varieties that are of no special merit, retaining standard and valuable sorts and from constant and careful observation of all novelties in this country and Europe, adding such as not only succeed well with us but also possess distinct merit in their several classes.

We would call attention to our facilities for producing high grade stocks of superior quality. Thirty years' experience and careful study devoted exclusively to the culture of peas and beans gives us a breadth of knowledge possessed by few, and each member of our firm devoting his entire time, and giving undivided attention to the different branches of our business, enables us to give that degree of care to our work that is surpassed by none. Our location as regards soil and climate: Situated at the foot of Lake Ontario, following its margin for many miles both in Canada and northern New York State; the soil is a mixture of clay and limestone, the finest pea growing section in America; Near the northern limit where the crop matures perfectly, while not always yielding the largest crops, seed is produced of unequalled perfection and vitality. We are also growing some stocks in northern Wisconsin and will be governed largely in our acreage in that section by the degree of success attained. Our stocks after being held one or two years, germinate more perfectly than English or Continental saved seed of the previous season's growth, while the usually prevalent fine weather renders possible the thorough rogueing of stocks which cannot usually be done in climates where moist and wet weather predominate.

Our trial grounds are thorough and extensive, covering several acres containing not only all standard sorts but nearly all novelties produced in England and America, and we extend a cordial invitation to our patrons to visit us at the proper season to inspect our stocks growing in the fields, where we spare no expense to maintain each variety true to its type.

At different times we drop from our list those sorts whose places are filled with better peas of the same type, as well as those that show a tendency to sport so strong that their culture cannot be continued with advantage or profit. For these reasons we have discarded Philadelphia Extra Early, Caractacus, Carter's First Crop, Daniel O'Rourke, as for all purposes Maud S. and Early Dexter are far superior; Kentish Invicta, which is replaced by Alaska which is not only earlier, but of great uniformity and purity; Having discarded Stanley because of its tendency to sport, the same fate must ultimately await Pride of the Market and Stratagem as more true and reliable sorts of the same desirable qualities shall be offered.

Of the newer sorts of peas we call attention to the following as being of decided merit in their several classes: **Allan's Sunol, Gradus, Surprise, Nott's Excelsior, Allan's Dwarf Telephone, Webb's Senator, Duke of York, Cooper's Goliath, Allan's Admiral Dewey.**

EXTRA EARLY PEAS.

Having for thirty years given great care to the growth and improvement of this class we take pride in calling attention to the three strains, Sunol, Maud S, and Early Dexter, which have respectively maintained their place at the head of the list of first early peas in earliness, productiveness, uniformity in growth and ripening, great vigor and vitality, with ability to withstand cold and frost.

ALLAN'S SUNOL—Introduced in 1893 the result of many years' careful propogation by Mr. Allan according to a system entirely his own: for earliness, productiveness, uniformity and purity without a rival. Vines vigorous, sometimes throwing lateral from the base of the stalk bearing four to seven pods, of good size and shape, containing five to six peas of good flavor. Seed light cream color, slightly dented and pitted; height, 2½ ft.

ALLAN'S MAUD S.—An improvement on Early Dexter ; from which it was obtained by hybridization and careful selection by Mr. Allan's special method of culture, possessing an extraordinary degree of vitality, having matured a full crop in some sections where severe frosts had ruined other sorts, thus proving extremely valuable for market gardeners in the Southern States who plant for early market at a season when frosts frequently occur after growth has begun. Undoubtedly the most popular first early Pea for market gardeners yet introduced. Seed round, light cream color, slightly dented ; height two and one-half feet bearing abundantly, large straight pods filled with Peas of superior flavor.

ALLAN'S EARLY DEXTER.—The standard extra early Pea for ordinay use. Early, productive, hardy and vigorous, in general use by market gardeners, throughout America for the past twenty years having proved to be very conservative and reliable in its habits. Long, large, full pods, a general favorite ; height 2½ feet ; seed round, light cream color.

RURAL NEW YORKER.—An extra early of great productiveness and vigor of growth ; height 2½ to 3 feet ; seed round, light cream color.

FIRST & BEST.—A fairly productive extra early, not quite so robust and vigorous as Rural New Yorker, nor so uniform in growth,

but quite popular in some localities. Height 2½ feet ; seed round, light cream color.

BERGEN FLEETWING.—An extra early pea which has for a long time had extended sale more particularly in eastern and middle states, seed round, smooth, light cream color.

ALASKA.—The finest blue seeded extra early Pea known to the trade. The dark green color of the pods renders it very desirable for transporting long distances, therefore proving a popular sort with canners and gardeners sending pods to distant markets. Very early, uniform in growth, almost entirely free from sports or runners. First-class in every respect. Seed round, blue, slightly pitted. Height 2½ feet.

EARLIEST OF ALL.—Almost identical with Alaska, and while fully as early it is more inclined to sport. This is known in some foreign localities by the name of Express. Seed and habit same as Alaska.

EXTRA EARLY PEAS

Wrinkled Varieties

During the past few years much care has been expended to produce a pea which shall not only be as early as any but at the same time having the tender quality and delicious flavor of the wrinkled varieties. Laxton's Alpha, while perfect in quality, was not as early as some. This has been overcome in the new peas, Surprise and Eclipse, which are not only as early as any, but have the delicious flavor of wrinkled varieties, while in Gradus we have the unlooked for result of a large wrinkled pea, with pods like Telephone, ripening with Extra Earlies.

GRADUS.—The most attractive novelty of recent years : large, handsome pods resembling Telephone in size and shape, well filled with large peas, ripening with the earliest, is certain to be eagerly sought. Ripening very quickly the pods must be picked as soon as fit for the table. Habit vigorous very quick to germinate and push to maturity ; foliage large, pale green in color ; pods long, straight slightly rounded at the point, seed large, wrinkled, cream color, height, three feet.

SURPRISE.—Introduced in 1897 by Jas. J. H. Gregory and seems worthy of his high opinion of its merits. Resembling in vine, size and shape of the pod and ripening with Maud S. and Alaska, having the tender quality and delicate flavor of Alpha and other first-class wrinkled sorts, is sure to be in great demand as soon as generally distributed and its merits thoroughly known. Seed small green wrinkled, height two feet.

ECLIPSE.—If not identical with Surprise, so closely resembling it that a different discription cannot be given.

LAXTON'S ALPHA.—An old and highly prized sort particularly for the tender and luscious quality of the peas, which for delicacy of flavor, are unsurpassed. While showing a strong tendency to sport and causing much dissatisfaction on that account we have secured at great expense a limited quantity of selected seed stock which we can recommend with greatest confidence. Second early, seed small, light green, wrinkled, height, thee feet.

DWARF EARLY PEAS

NOTT'S EXCELSIOR. — Resembling in habit Carter's Premium Gem, but more dwarf and uniform in growth, height midway between American Wonder and Premium Gem.

Being more uniform, productive and earlier than either, it is far more desirable, as the peas possess the same tender quality and delicate flavor, while the pods are larger and better filled. This pea well deserves the extensive sale which it now has, and is certain to greatly increase. Seed green, wrinkled, square at the ends like American Wonder ; height twelve inches.

AMERICAN WONDER.—Vigorous, productive, with dark, luxuriant foliage having the peculiar habit of producing the leaves on one side of the stalk, responding generously to high culture, very desirable and popular for private gardens. Seed green, wrinkled ; height 9 inches.

TOM THUMB.—An improvement on Beck's Gem, an old and well known sort, being more dwarf in habit and more desirable for garden culture. Early and prolific although the Peas are of poorer quality for the table. Seed small, round, white ; height 10 inches.

McLEAN'S BLUE PETER.—Hardy, uniform, robust and fairly productive, pods broad, slightly flattened, borne at the top of the vines, peas of good flavor. A good exhibition Pea. Seed round, slightly flattened, dented ; height 10 inches.

WILLIAM HURST.—Quite popular in England as it surely will be in America when thoroughly known. Resembling somewhat American Wonder in habit, but more straggling and uneven in growth, more hardy and vigorous, bearing in profusion long, curved, handsome pods well filled with peas of finer flavor. Seed light green, wrinkled ; height 12 inches.

CARTER'S PREMIUM GEM.—Probably no Pea of this class has been more universally and deservedly popular in America. Hardy, prolific, uniform in habit of growth, pods borne singly on both sides of the stalks beginning

near the ground, peas of the finest flavor. About a week later than American Wonder, seed green, wrinkled, height 14 inches.

McLEAN'S LITTLE GEM.—Similar to Premium Gem but more straggling in growth, pods not so well filled ; height 18 inches : seed green, wrinkled.

HALF DWARF MEDIUM AND LATE SORTS

(See cut on back cover page.)

ALLAN'S DWARF TELEPHONE.—Having for a long time realized the value of a pea with dwarf vines bearing large handsome pods with peas of highest quality without the long vines of the Telephone, more dwarf than the Stratagem, and what is most important of all, regular and uniform in growth, without the tendency to sport that has caused so much annoyance and loss to those who have grown the Stratagem, we have for years been breeding up a pea that will fill the above requirements. and now offer for the first time under the name of Allan's Dwarf Telephone. This pea was obtained during the season of 1888, being the result of a cross of Stratagem on Telephone in the hands of one of the most careful and suceessful propogators in the United States. Being brought to our notice soon after its production we watched it with greatest interest until it came into our possession when very small in quantity and finally, when less than ten bushels, we purchased all there was of this pea. Height : under high culture, eighteen inches. Habit: dwarf, stocky, healthy and vigorous, remarkably uniform in height with almost no tendency to sport, very productive, plants frequently bearing from five to seven pods. Season : medium, from five to seven days earlier than Stratagem. Pods ; long, frequently five inches in length, broad, straight, rounded or curved at the end,

remarkably well filled, often containing ten peas, color, pale green, thick and of good lasting quality for market purposes. Seed of largest size, tender and of delicious flavor when fit for the table, light green and much shrivelled and shrunken when dry. From the unusually tender and delicate texture of the pea, it does not when ripened present that handsome appearance of those sorts that have a firmer texture and tougher skin. The shrivelled and damaged appearance of the ripened seed which might condemn it, is caused by the tenderness that is of paramount importance in a first-class pea for the table. Our expectations regarding the demand for this pea, have been more than realized and we have been obliged to turn away many large orders.

WEBB'S SENATOR. — Introduced by Messrs. Edward Webb & Sons: Having watched it closely for the past five years we have no hesitation in recommending it to our trade. Earlier than Advancer with larger and longer pods, it is more desirable for market gardeners than that highly-prized and valuable sort. Pods very long, curved, borne near the top of the vines, often in pairs, very distinct and handsome in appearance. Height 2½ ft., seed light green, wrinkled.

McLEAN'S ADVANCER.—A great favorite and largely used by market gardeners, as the large handsome well filled pods containing peas of finest quality for table use, and being borne at the top of the stalk, are easily gathered; very vigorous in growth; height 2 feet; seed green, very much wrinkled, about one week later than Premium Gem. Our strain is remarkably pure and desirable. Very popular in some sections with canners.

HORSFORD'S MARKET GARDEN.—Resembling in habit of growth Premium Gem, one-third longer, ten days later. Pod produced in pairs in great profusion but not so well

filled with peas as either Gems or Advancers. Much used by canners to succeed Advancers. Height, 20 inches; seed green, wrinkled.

ABUNDANCE.—Vigorous in growth, producing pods in great abundance, hence its name; well filled with peas of fair quality quite similar in appearance to Market Garden. Height, 20 inches; seed green, wrinkled.

HEROINE.—Introduced by Messrs. Peter Henderson & Co., of New York, and in every way worthy the great popularity it has already attained. Elegant habit of growth, luxuriant foliage, pods remarkably long and handsome, slightly curved, well filled with large luscious peas of fine flavor, a gem of the first water, apparently as good as Stratagem for all purposes, while far superior to that variety in habit, as it is remarkably true and fixed in its habits of growth. Height, 2 feet, seed green and very much wrinkled.

PRINCE OF WALES.—A long known standard and popular sort particularly in England. Hardy, vigorous and upright in habit, pods produced abundantly in pairs near the top of the vine. Flavor of peas of first quality, which is true of nearly all white wrinkled varieties. Height 2½ feet; seed white, wrinkled, flattened.

CARTER'S STRATAGEM.—Vigorous habit, luxuriant foliage; with good culture a heavy cropper, height two feet, seed large, green, wrinkled. A great favorite not only in private gardens, but with market gardeners also, as the large handsome pods, combined with the excellent quality of the peas, make it one of the most desirable sorts heretofore known, when a pure stock can be obtained, but the tendency to sport is so strong that the annoyance and discouragement caused thereby have nearly counterbalanced its good qualities. We

have for a number of years, at great expense, been working up a stock, which we think is equal to any strain of improved Stratagems on the market, although the inherent tendency to sport will continually develop.

CARTER'S DAISY.—A most excellent variety producing large, long, handsome pods well filled with large tender peas of fine flavor. Height eighteen inches, seed light green, wrinkled.

BLUE BEAUTY OR PERFECTION.—Height, eighteen inches; remarkably uniform in habit, and productive. A popular sort with canners in some sections. Seed blue, round and smooth.

CARTER'S PRIDE OF THE MARKET.—Habit of growth and general appearance both of vine and pod closely resemble Stratagem, only deeper green in color and quality of peas not so fine. While we think our stock of this pea will compare favorably with any offered it can but be a source of disappointment to both seller and grower on account of strong tendency to sport, and uncertain productiveness, and to the consumer on account of the poor quality and flavor of the peas when cooked, and is sure to go out of use as soon as better sorts already introduced are generally known.

EVERBEARING.—Vigorous and branching in habit of growth, season late, pods of fair size, peas large and of good quality. Height 2 feet; seed green, wrinkled, flattened.

YORKSHIRE HERO.—As thoroughly well known probably as any variety, and justly prized for its genuine worth. Hardy, productive, upright in growth, broad, short pods borne near the top of the stalk. Pea large and of good quality. Season late. Height 2½ feet; seed large, green, wrinkled, flattened.

SHROPSHIRE HERO.—A recent introduction and a great improvement on Yorkshire Hero, bearing in greater abundance large, handsome pods, much longer and better filled with peas which are fully as fine in flavor, rendering it more desirable, and we can recommend this pea as a most valuable acqusition, and since it is more generally known our customers endorse our opinion. Height 2½ feet ; seed green, very much wrinkled.

DR. McLEAN.—An old and much esteemed sort throughout the United Kingdom being of branching, vigorous habit bearing in abundance near the top of the vine, broad pods of medium length containing peas of good flavor. Height 2½ feet, seed green, wrinkled.

TRIUMPH.—A popular sort in England and wherever known. Vigorous, healthy habit, quite fixed and trim in type, handsome pods, quality good. Height 2½ ft. seed green. wrinkled.

JUNO.—Robust vigorous vine, two feet high, pods straight of medium size, frequently borne in pairs, well filled, with deep green, large peas of fine flavor. This pea and Sharpe's Queen, both of recent English origin, are of first-class merit possessing the rich flavor with the deep green color so much prized.

SHARPE'S QUEEN.—One of the most desirable of the late varieties that have been recently introduced, coming in after the Heroine is gone. Of vigorous branching habit it needs to be sown thinly. Pods long, slightly curved, well filled with large peas of most delicious flavor. Its beauty, productiveness, and fine quality combined are sure to make it exceedingly popular wherever used. Height 2½ feet ; seed dark green, wrinkled.

FILLBASKET.—Hardy, prolific upright and branching in habit, dark green foliage and

pods well filled with the medium size peas. Season medium, and when as generally known in the United States, the demand will be correspondingly extensive from those who require a moderate priced productive pea for main crop, with abundance of well-shaped and well-filled peas of fair quality. Height 2½ feet; seeds small, round, green.

OMEGA.—An old standard sort, hardy, vigorous and branching. Season late. Pods of good size with peas of good quality. Seed large, green, wrinkled.

DWARF BLUE IMPERIAL.—A old and well known sort. While producing large peas of fair quality its place has been largely filled by wrinkled varieties which are sweeter and more tender. Height two feet, seed smooth, blue, somewhat flattened.

TALL GROWING, MEDIUM AND LATE SORTS

ALLAN'S ADMIRAL DEWEY.—During the season of 1894 while watching the growth of a small sample of a new and most desirable pea sent us from Carlisle, England, we found a few vines entirely different from the main crop, and entirely distinct from any pea we had ever seen. These fine vines were carefully removed and succeding crops have shown them to be remarkably uniform and distinct. This is without exception the largest podded pea of which we have any knowledge, and when to this is added heavy cropping and highest quality it can readily be seen that it stands at the head of its class. Height three and one-half feet, foliage, vine and pod rich dark green, remarkably healthy and vigorous, producing in abundance pods of largest size,

frequently six inches in length, beautifully shaped, well filled with peas of largest size, tender and first-class flavor, seed green, wrinkled. Undoubtedley the best of all the class of long vine, large podded peas. For introduction we are proposing to offer it on contract this season in quantities not exceeding two bushels.

ADMIRAL.—A receut introduction of great promise. Season medium, resembling in habit Maud S., but much longer and more vigorous vine bearing in great profusion pods, about the size and shape of Maud S., but more closely packed with peas of excellent flavor. The small size and fine flavor of the pea coupled with its great productiveness will undoubtedly cause it to be a desirable sort for canners as well as market gardeners and the present active demands for this pea proves that its merits are becoming known. Height 3 to 3½ feet ; seed small, cream colored, wrinkled.

FRENCH CANNER.—A popular and desirable sort for canners. Strong growing, hardy and productive, long, round, slightly curved pods, closely packed with small peas of good flavor. Season medium late. Height 3½ feet ; seed very small, round, white.

DUKE OF YORK.—A great advance by way of earliness in that class to which Telegraph and Duke of Albany belong. Being a week or ten days earlier, and of much dwarfer habit, having the same large handsome pods and superior quality and flavor of the peas, it is by far the most valuable and desirable of its class. Height 2½ feet ; seed light green, wrinkled.

CARTER'S TELEPHONE.—Vines and leaves, large and coarse, large, light green pods, nearly straight, produced singly, well filled with large tender peas, sweet, and of fairly good flavor. The fine appearance of the

pods with the acceptable quality of the peas has made it deservedly popular, the only drawback being its tendency to sport which adds largely to the cost of cultivation. Height 3½ feet; seed light green, very much wrinkled.

AMERICAN CHAMPION.—A large podded tall growing pea of high quality resembling the Telephone. Height 3½ feet; seed light green wrinkled.

DUKE OF ALBANY.—Resembling Telephone in appearance but far more desirable in every way. Vine more dwarf, while the pods, are larger and produced in greater abundance, which combined make it a most desirable acquisition. This pea still shows a strong tendency to sport but we are hopeful that thorough rogueing will tend to eradicate it. Height 2½ to 3 feet; seed light green, very much wrinkled.

COOPER'S GOLIATH. — Introduced by Messrs. Cooper Taber & Co,, a selection from Telegraph, and while it resembles its parent in the long finely formed and handsome pods and large peas, it is much more fixed and uniform in habit and promises in this way to be a great improvement. Height 3½ feet; seed deep green, dented or pitted.

CULVERWELL'S TELEGRAPH. — Resembling in all respects as to vine, leaf and pod the Telephone, except that they are a deeper shade of green, and more hardy and productive. Peas of indifferent quality. A favorite with market gardeners on account of the fine appearance of the pods when in the basket. Height 3½ feet; dark green, round, dented.

LONG ISLAND MAMMOTH.—Very popular with market gardeners in some sections who want a large handsome pod of deep green color, carrying well, with peas of indifferent quality. Height 3 feet; season medium, seed dark green, dented.

CHAMPION OF ENGLAND.—An old and favorite sort with all those who are fond of a large, tender, sweet, luscious pea, hardy and rampant in growth, producing a fair amount of large, broad pods containing five to seven peas. Height 4 feet; seed light green, very much wrinkled.

FORTY FOLD.—An improved Champion of England. Not quite so rampant in growth, with pods larger, longer and better filled. Height 3½ feet; seed light green, very much wrinkled.

BRITISH QUEEN.—One of the oldest and best known sorts, but on account of its rampant growth best adapted for heavy, rather stiff soil. Pods borne near the top of the vine, hardy and on proper soil fairly productive. Height 5 to 6 feet; seed white, wrinkled.

DWARF WHITE MARROWFAT.—Hardy, strong and vigorous, broad, thick, leathery pods borne near the top of the vine containing four to five large peas of good substance and flavor, but not so sweet as wrinkled sorts; for many years used in immense quantities by canners, but now largely replaced by sorts producing smaller sized peas more sugary and of finer flavor. Seed large, round, white, slightly oval; height 3½ feet.

BLACK EYE MARROWFAT. — While growing resembling closely the preceding, but the matured seed having a distinct black eye.

IMPROVED SUGAR MARROW.—Entirely distinct from the old and well-known White Marrowfat, and far more desirable in every way. Pods much longer and of most beautiful shape, well filled with peas of the true Marrow flavor, while the smaller size makes them far more desirable for canning, and a far better cropper. Height 3½ to 4 feet; seed small, white, slightly pitted or dented. A most desirable and valuable addition to this class.

BEANS

From the quality of stock we have sent out we can safely say that for color, size and perfection of sample as well as purity no finer goods are produced on this continent. And far superior in hardiness, vitality, and long keeping quality to those produced in districts farther south.

We grow only standard sorts of early maturing habit, that can be grown to perfection in this climate.

WAX BEANS

ALLAN'S IMPERIAL WAX.—One of the finest wax beans now before the public, and is the result of several years' careful culture. Pods long, broad and straight, of beautiful waxy color with fine texture and flavor. Vigorous, upright growth, pods borne well up from the ground, season medium early. We have the large, handsome pod so much admired in the flageolet class, combined with a vine that is vigorous and healthy, showing with us no sign of rust. Pods must be picked when young and tender, as they quickly grow tough by remaining too long on the vines. Seed white, splashed with chocolate brown, differing in marking from Golden Wax or any other variety.

DAVIS WAX.—Introduced by D. M. Ferry & Co. Long, straight, white wax-like pods borne in great profusion, and when gathered while young are tender and of good quality.

CURRIE'S RUST PROOF.—Another year's observation and experience only confirms our previous high opinion of its merits and it justly belongs at the head of the list for earliness,

productiveness, freedom from blight or rust, and all around good points. Pods long, flat, tender and fine quality, seed larger than Black Wax, purplish or brownish black.

KEENEY'S RUSTLESS GOLD WAX.—A strong growing variety throwing out tendrils or runners, setting the first pods early, near the base of the stalk while pushing out buds at the top of the vine–thus producing great numbers of pods maturing in succession over a long period, almost entirely free from rust, pods flat, yellow, of good quality.

GRENELL'S IMPROVED GOLD WAX.—Early, prolific, pods not so long as the well known Gold Wax and not turning to a golden wax color quite so young, but borne in greater profusion. Pods nearly straight, flat. Seed smaller than the old stock Gold Wax, but similarly marked.

GOLDEN WAX.—Old strain. Early, productive, pods flat, straight, golden in color, tender, of fine quality. In localities not liable to rust it is preferred by some to Grenell's Improved strain as the pods are larger and longer.

GOLDEN EYE WAX.—Early, remarkably strong, vigorous and productive. Vines and leaves large and coarse. Pods, long, straight, flat, of fine appearance but coarse in texture and poor in quality. Seed white, blotched with yellow.

KIDNEY WAX.—Early and productive if on suitable soil, upright in growth, pods long, broad, flat, and of good quality. Seed kidney shaped, blotched and splashed with purplish brown on the under side.

DWARF BLACK WAX, CHALLENGE STRAIN. — Early, remarkably productive. Pods round, curved, meaty and remarkably tender and delicate in flavor. For quality it is unsurpassed by any of the newer sorts. Seed small, glossy, black.

REFUGEE WAX,—Eaaly, prolific, round, tender, waxy, pods approaching Black Wax in quality, seed resembling Extra Early Refugee, from which it sported.

BECKERT'S SPECKLED WAX.—Introduced by Wm. C. Beckert of Alleghany, Penn., entirely new to the trade. Medium early, upright, vigorous and branching, pods held up well from the ground. Round pods of clear yellow, waxy color, crisp, tender, stringless, of excellent flavor, streaked with crimson as they mature. Its extreme productiveness together with the handsome appearance and fine quality of the pods make it one of the most desirable wax beans now known.

DETROIT WAX.—Early, hardy and bearing in great profusion, long, flat pods of fine waxy color, but of only fair quality.

LIMA WAX.—Very dwarf in habit, producing great quantities of broad, thick, meaty wax pods of light cream color seed small, white.

VALENTINE WAX.—A selection from Red Valentine, being the same round meaty pods but of a beautiful waxen color.

GREEN PODDED VARIETIES.

HOPKINS' IMPROVED VALETINE.—Hardy and vigorous upright in growth, pods being held well up from the ground, early and remarkably uniform in ripening, making it very desirable for market gardeners as a large proportion of the pods can be secured at one gathering. Pods round, thick and solid, tender, and of fine flavor. We find this to be the earliest of any strain we have ever tested, and and more uniform in habit and ripening with almost entire absence of flat pods.

RED VALENTINE.—Similar to the preceding but not quite so uniform in growth.

BURPEE'S STRINGLESS GREEN POD.—We have in this variety a bean that is early, bearing thick, meaty, straight green pods, crisp, tender and stringless. Sure to have large sale as soon as distributed.

WARREN BUSH.—Vigorous and upright in growth, producing broad, flat pods that are tender and of good flavor. Highly prized wherever introduced and we recommend it. Seed large, oval, thick, purplish brown.

EARLY MOHAWK.—One of the oldest and best known sorts. Hardiest of any even resisting a slight degree of frost successfully, leaves and vine large, coarse and straggling, early and very prolific. Pods long, nearly straight, broad and flat, of medium quality.

LONG YELLOW SIX WEEKS.—Early, upright in growth, having in profusion long, flat pods, of fair quality if gathered when young.

EXTRA EARLY OR IMPROVED REFUGEE.—This is a great improvement on the old and well known Refugee as it is a long way earlier, being fit to pick nearly as early as Six Weeks. More dwarf and compact in growth, while the pods are round, solid and tender and of the most excellent quality when cooked for table use or for canning or pickling.

LATE REFUGEE.—The old and well known variety which we have listed as Late Refugee in distinction from Extra Early Refugee. Vines large, spreading, bearing quite late abundance of long cylindrical, whitish green pods, tender and much prized for canning and pickling. Seed long, slender, drab, splashed with purple.

DWARF HORTICULTURAL.—Used as a shell bean and for this purpose, this and its companion, Horticultural Pole, are the finest

in general use and long a favorite with all those who use a shelled bean in the green state. Straggling habit of growth, inclined to throw out tendrils or runners, pods beautifully blotched and streaked with carmine.

GODDARD OR BOSTON FAVORITE.—Resembling Horticultural in habit of growth and coloring of pod except that the vine is coarse and ranker in growth with larger pods and is used for the same purpose.

CHINA RED EYE.—One of the oldest and best known of the green podded varieties. Early, hardy, productive, pods straight, flat, and when picked young, of good quality.

BEST OF ALL.—Of vigorous branching habit, on suitable soils very prolific, long, half round, showy pods, green, sometimes dashed with red,a profitable and popular sort throughout the south. Season medium. Seed cream color, splashed and streaked with dull red.

CANADIAN WONDER.—A sort having most extended use in Great Britain,stocky and upright in growth, foliage large, dark green and healthy, producing abundance of long, broad, flat green pods. Seed large, slightly flattened, deep glossy crimson.

EARLY WARWICK.—One of the earliest sorts we have ever tested, dwarf and uniform in habit, pods flat, and of good quality when picked young. Seed deep crimson splashed with lighter color.

OSBORNES EARLY FORCING.—A quick growing sort, highly esteemed for forcing, seed chocolate splashed with yellowish brown.

PALE DUN.—Closely resembling Long Yellow Six Weeks, both in vine, pod and seed which is long, light yellow with chocolate eye.

NE PLUS ULTRA.—Of the six weeks tpye but smaller seed, darker in color.

NEGRO LONG POD.—A variety much used in England of rank straggling growth, producing in great abundance long, flat, green pods of fair quality. Seed long, small, glossy black. Medium late.

WHITE FLAGEOLET.—Much prized in Europe. Hardy and productive, long, flat green pods, tender and of fine flavor when young. Seed small, flattened, greenish white.

Pole Beans.

HORTICULTURAL POLE.—A pole or suning variety of the Horticultural bean, seed similarly marked but slightly rounded or oval in shape.

WORCESTER, HAMPDEN OR CARMINE PODDED POLE.—A selection and improvement on Horticultural pole, producing larger pods beautifully splashed with carmine, and larger seed of good flavor and tender, very strong in growth and decided tendency to sport.

HORTICULTURAL LIMA.—A cross between the two beans bearing its name combining in a degree the good points of each of its parents when cooked, and distancing all other pole beans in point of earliness, ripening with the dwarf varieties. Of unquestionable merit, and we do hesitate to recommend it, as the beans when cooked are of such fine quality as to establish their reputation wherever introduced.

KENTUCKY WONDER OR OLD HOMESTEAD.—One of the earliest pole beans, bearing in clusters great quantities of light green pods, large, tender and good flavor, seed medium size, light chocolate with darker eyes.

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ALLAN'S
DWARF TELEPHONE